

Rabbit anti-Human LRRC45 Polyclonal Antibody | anti-LRRC45 antibody

LRRC45 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284093	Rabbit	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

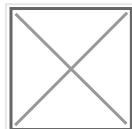
PRODUCT SYNONYMS

LRRC45; Polyclonal Antibody; LRRC45 Antibody (C-term); Leucine-rich repeat-containing protein 45; anti-LRRC45 antibody

PRODUCT SPECIFICATIONS

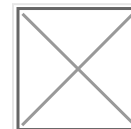
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LRRC45 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 615-643 amino acids from the C-terminal region of human LRRC45.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	615-643
Sequence Length	670
Applicable Applications for anti-LRRC45 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

LRRC45 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

LRRC45 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human placenta tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LRRC45 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IF (Immunofluorescence)

Immunofluorescent analysis of U251 cells, using LRRC45 Antibody (C-term). AAA284093 was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor 554 (red) conjugated Phalloidin (red).



WB (Western Blot)

Western blot analysis of lysates from human blood plasma tissue (from left to right), using LRRC45 Antibody (C-term). AAA284093 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LRRC45 antibody	Crown Antibodies; Cell Biology
References	Olsen, J.V., et al. Cell 127(3):635-648(2006) Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	21450705
NCBI GeneID	201255
NCBI Accession #	NP_659436.1
NCBI GenBank Nucleotide #	NM_144999.3
UniProt Accession #	Q96CN5
Molecular Weight	75951
NCBI Official Full Name	leucine-rich repeat-containing protein 45
NCBI Official Synonym Full Names	leucine rich repeat containing 45
NCBI Official Symbol	LRRC45
NCBI Protein Information	leucine-rich repeat-containing protein 45
UniProt Protein Name	Leucine-rich repeat-containing protein 45
UniProt Gene Name	LRRC45
UniProt Entry Name	LRC45_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lrrc45-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/284093>